18. (Once amended) The method of claim 17 wherein said fluorocarbon is selected from the group consisting of $C_nH_{(2n+2)-x}F_x$, where n equals between 4-8 and x equals between 1-17; $C_nF_{(2n+2)}$, where n equals between 5-8; $C_nCl_{(2n+2)-x}F_x$, where n equals between 1-6 and x equals between 1-13; and $C_nH_{(2n+2)-(x+f)}Cl_xF_f$, where n equals between 1-4, x equals between 1-9, and f equals between 1-9; and, wherein said chlorocarbon is selected from the group consisting of $CH_2Cl_2$, $C_2H_3Cl_3$, and $C_2HCl_3$.

23. (Once amended) A method for extracting oil from an oil bearing material so as to form an oil product comprised of greater than 95% triglycerides and other non-polar constituents, said method comprising:

(a) forming a solvent comprised of an amount of a low molecular weight hydrocarbon having a viscosity of less than 2.6 centipoise and a non-polar fluorocarbon or chlorocarbon, with said solvent having a polarity no greater than about 0 and a viscosity ranging between about 0.3 and about 2.6 centipoise;

(b) contacting said solvent with the oil bearing material at a temperature sufficient so that the triglycerides and the other non-polar constituents will be miscible in said solvent, for a time sufficient to extract an amount of oil found in the oil bearing material, thereby forming a miscella;

(c) separating said miscella from the oil bearing material;

(d) cooling said solvent and oil composition to a temperature sufficient to form distinct oil and solvent layers; and,

(e) separating said oil from said solvent;

wherein said chlorocarbon is selected from compounds having the formula $C_nH_{(2n+2)-x}Cl_x$, where n equals between 1-4, and x equals between 1-9.

24. (Once amended) The method of claim 23 wherein said fluorocarbon is selected from the group consisting of $C_nH_{(2n+2)-x}F_x$, where n equals between 4-8 and x equals between 1-17; $C_nF_{(2n+2)}$, where n equals between 5-8; $C_nCl_{(2n+2)-x}F_x$, where n equals between 1-6 and x equals between 1-13; and $C_nH_{(2n+2)-(x+f)}Cl_xF_f$, where n equals

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between 1-4, x equals between 1-9, and f equals between 1-9; and, wherein said chlorocarbon is selected from the group consisting of $CH_2Cl_2$, $C_2H_3Cl_3$, and $C_2HCl_3$.

Please cancel claims 1-16 without prejudice.

Please add the following new claims.

31. (New) A composition comprising (a) a solvent and (b) a triglyceride mixture;

wherein said triglyceride mixture is extracted from an oil bearing material by said solvent, and said triglyceride mixture comprising greater than 95% by weight triglycerides and other non-polar constituents;

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wherein said solvent comprises i) an amount of a low molecular weight hydrocarbon having a viscosity of less than 2.6 centipoise; and ii) a fluorocarbon solvent or a chlorocarbon solvent, said solvent having a polarity no greater than about 0 and a viscosity ranging between about 0.3 centipoise and about 2.6 centipoise, and wherein said chlorocarbon is selected from compounds having the formula $C_nH_{(2n+2)-x}Cl_x$, where n equals between 1-4, and x equals between 1-9;

whereby said triglyceride mixture is miscible in said solvent at a temperature ranging between 35 °C to 55 °C, and said triglyceride mixture and said solvent phase separate at a temperature ranging between about 15 °C and about 25 °C forming distinct solvent and oil layers that can be separated.

32. (New) The composition of claim 31 wherein said fluorocarbon is selected from the group consisting of $C_nH_{(2n+2)-x}F_x$, where n equals between 4-8 and x equals between 1-17; $C_nF_{(2n+2)}$, where n equals between 5-8; $C_nCl_{(2n+2)-x}F_x$, where n equals between 1-6 and x equals between 1-13; and $C_nH_{(2n+2)-(x+f)}Cl_xF_f$, where n equals between 1-4, x equals between 1-9, and f equals between 1-9; and, wherein said chlorocarbon is selected from the group consisting of $CH_2Cl_2$, $C_2H_3Cl_3$, and $C_2HCl_3$.